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Attention:	Group Art Unit: 1745	From:	M. Elizabeth Bush
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Company:	U.S. Patent and Trademark Office	Company:	Quallion LLC
		Pages:	Total of (2) Pages
Re:	Application Serial No.: 10/034,316 Title: Electrolyte System and Energy Storage Device Using Same Filed December 28, 2001 Examiner: Susy N. Tsang Foster Group Art Unit: 1745 Attorney Docket No.: Q130-US1	Date:	December 9, 2003

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Interview Summary

Lisa K. Robbins
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PAGE 1/2 * RCVD AT 12/9/2003 7:03:35 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/2 * DNIS:8729306 * CSID:818 833 2065 * DURATION (mm:ss):00:46

Application No: 10/034,316

Docket No.: Q130-US1

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:
 TSUKAMOTO et al.

Serial No.: 10/034,316

:Examiner: Susy N Tsang-Foster

Filed: 28 December, 2001

:Art Unit: 1745

Title: Electrolyte System and Energy
 Storage Device Using Same

Honorable Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

INTERVIEW SUMMARY

Examiner Susy N Tsang-Foster of the USPTO held a personal interview with Applicant's representative, M. Elizabeth Bush, on December 2, 2003. Applicant's representative showed to the Examiner a Microsoft PowerPoint presentation of Applicant's invention. All claims filed on November 13, 2003 were discussed. The following references of record were discussed: Narang, Arai, and JP10-01172.

Applicant concurs with the Examiner's Interview Summary. As stated in the Summary, the prior art of record does not appear to disclose a meniscus between the nonaqueous liquid electrolyte solution and the flame retardant material or an energy storage device having a flame retardant material that is liquid at room temperature and pressure and substantially immiscible in the nonaqueous electrolyte solution and not present in the region defined by the separator. The presentation showed a clear meniscus formed between the flame retardant material and the nonaqueous liquid electrolyte solution. The presentation also showed a difference in battery performance with respect to the order of adding electrolyte or flame retardant where adding electrolyte solution first gives a higher discharge capacity and lower resistance and adding flame retardant that is immiscible with the nonaqueous electrolyte solution first gives lower discharge capacity and higher resistance.

Agreement with respect to the claims was not reached.

Respectfully submitted,


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